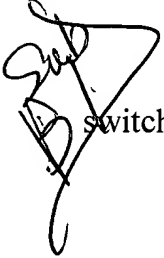



IN THE CLAIMS:

Please amend claims 1 and 3 as follows.

 1. (Currently Amended) A method for managing congestion in a network switch, said method comprising the steps of:

receiving an incoming packet on a first port of a network switch for transmission to a destination port, wherein said network switch is one of a plurality of network switches configured in a stack;

determining if said destination port is a monitored port;

 determining a queue status of said destination port, if said destination port is determined to be a monitored port; and

prescheduling transmission of said incoming packet to said destination port if said destination port is determined to be a monitored port.

2. (Original) The method as recited in claim 1, wherein said prescheduling step of further comprises the steps of:

classifying said queue status of said destination port; and

taking action in accordance with said classification of said queue status.

3. (Currently Amended) The A method as recited in claim 2, for managing congestion in a network switch, said method comprising the steps of:

receiving an incoming packet on a first port of a network switch for transmission to a destination port;

determining if said destination port is a monitored port;
determining a queue status of said destination port, if said destination port is
determined to be a monitored port; and
prescheduling transmission of said incoming packet to said destination port if said
destination port is determined to be a monitored port;

wherein said prescheduling step of further comprises the steps of:
classifying said queue status of said destination port; and
taking action in accordance with said classification of said queue status;

and

wherein said classifying step further comprises the steps of:

classifying said queue status of said destination port as a first type if a level
of data in said queue is less than or equal to a first predetermined level;

classifying said queue status of said destination port as a second type if said
level of data in said queue is less than or equal to a second predetermined level and
greater than said first predetermined level; and

classifying said queue status of said destination port as a third type if said
level of data in said queue is greater than said second predetermined level.

4. (Currently Amended) The method as recited in claim 3 2, wherein said step
of taking action in accordance with the classification of said queue status further
comprises the steps of:

writing an entry in a first queue if said queue status of said destination port is classified as said first type;

selecting a second queue and writing said entry into said second queue if said queue status of said destination port is classified as said second type; and

dropping said packet if said queue status of said destination port is classified as said third type.

5. (Original) The method as recited in claim 1, wherein said step of determining if said destination port is a monitored port further comprises the step of receiving a status message on a communication channel.

6. (Canceled) ✓
